Update on Request for Regional Scenario Data

Regional Targets Advisory Committee
May 20, 2008

Purpose of Today's Meeting

- Prepare for June RTAC discussion
- Review data received from MPOs
- Identify additional data needs
- Start discussion of factors in context of target-setting/target meeting

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Data Request

- Underlying data from current RTP scenarios
  - Base year
  - 2020
  - 2035
- Underlying data from additional scenarios
  - Blueprint
  - Smart Growth
  - Others

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Two Key Outputs

- Greenhouse gas emissions from passenger vehicles
- Vehicle miles traveled from passenger vehicles

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Four Major Factors

- Demographics
  - Age, income, household size, etc.
- Land Use
  - Density, design, etc.
- Transportation
  - Transit, bike/walk & road infrastructure, etc.
- Pricing
  - Cost of auto use, pricing policies, etc.

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Factor Specifics

- Land Use
  - New housing product mix
  - New development mix, residential densities
  - Total jobs
- Transportation
  - Mode split
  - Investment
  - Transportation system design
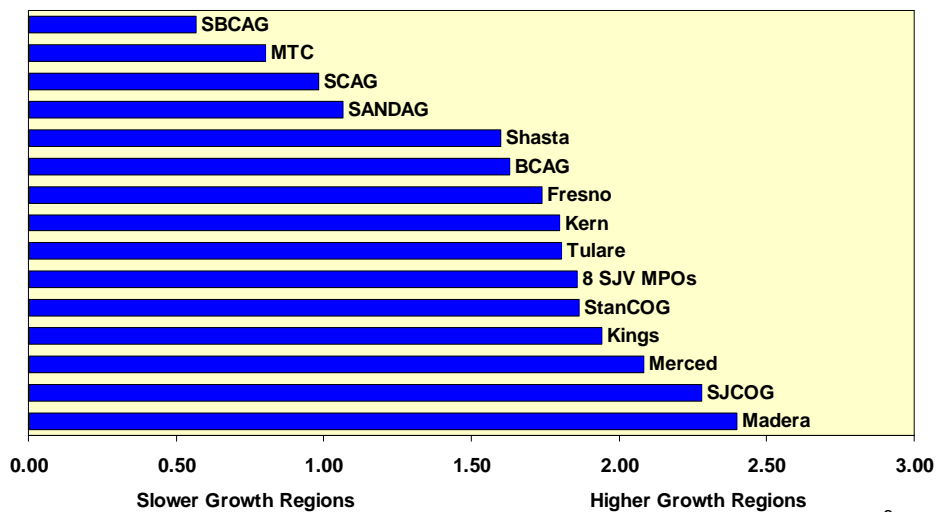- Pricing
  - Auto operation cost, price of fuel, etc.
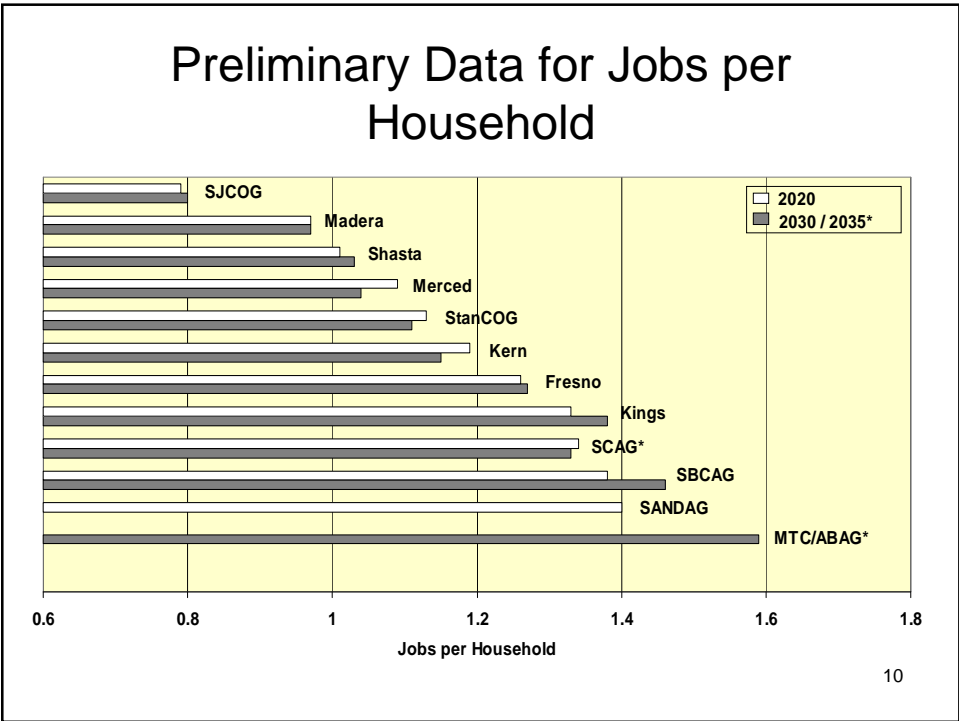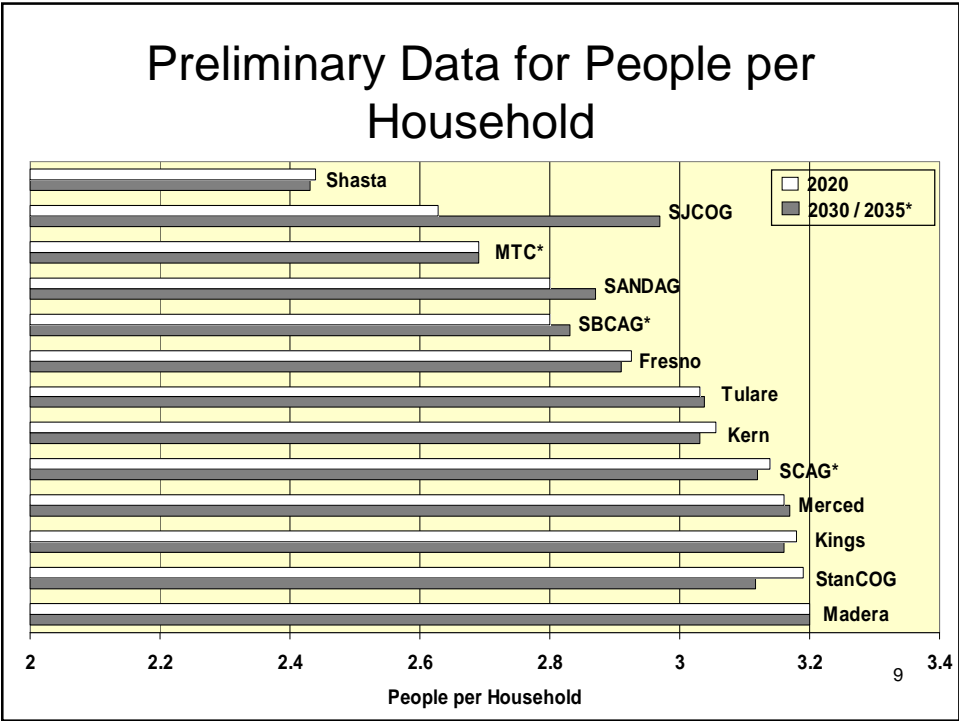
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Preliminary Data for 2020 Population Projections

MPO	Projected 2020 Population	% of 18-MPO Total
SCAG	21,467,900	50.0%
MTC/ABAG	8,069,700	18.8%
8 SJV MPOs	4,906,383	11.4%
SANDAG	3,635,900	8.5%
SACOG	2,755,000	6.4%
Fresno COG	1,184,500	2.8%
Kern COG	967,500	2.3%
AMBAG	847,900	2.0%
SJ COG	781,900	1.8%
Stan COG	694,000	1.6%
Tulare CAG	521,100	1.2%
SBCAG	459,000	1.1%
Merced CAG	340,000	0.8%
SLO COG	293,500	0.7%
Butte CAG	277,260	0.6%
Shasta RTPA	214,700	0.5%
Madera CTC	224,600	0.5%
Kings CAG	192,900	0.5%
Tahoe MPO	51,200	0.1%
TOTAL	42,977,600	100%

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Preliminary Data for Compound Population Growth Rates

Slower Growth Regions   Higher Growth Regions

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Preliminary Data for People per Household

Preliminary Data for Jobs per Household

Land Use

- New housing product mix
- New development mix
- Residential densities
  - Need more data
  - Some data show significant changes in housing/development mix and residential densities

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Transportation

- Design
  (Block grid texture, sidewalks, bike lanes)
- Transit access
  (Housing within walking distance to transit)
- Transportation investment
  (Transit, roads, bike/ped, etc.)
- Mode Split

  - Need more data

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Pricing

- Auto operation costs
- Price of fuel
- Average transit fare
- Pricing policies
  - Need more data
  - Four largest MPOs provided data with variability of data and range of values

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